Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 16 Feb 2023 until 23:59 on Friday 17 Feb 2023

Forecast Issued on Wednesday 15 Feb 2023 at 10:40

Confidence: High for pattern, lower for the detail of cloud

Headline for Thursday 16 Feb 2023: Dull with rain and drizzle. Strong summit winds. Freezing level above all peaks.

Mountain weather hazards on Thursday 16 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Light rain	Drizzle	Drizzle	Drizzle	Light rain	Heavy Rain
Precipitation probability							
80%	90%	80%	80%	80%	60%	30%	80%

Forecast for Thursday 16 Feb 2023

Weather: A dull day with extensive cloud, with outbreaks of generally light rain and drizzle, this most persistent through to early afternoon and again late evening.

Chance of cloud-free hill tops above 600m: 10% or less

Low Cloud and visibility: Moderate or poor in rain and drizzle, very poor within cloud with bases extensive down to 500m with patches below, perhaps thinning for a time early evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Thursday 16 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 SW	15/22 S	13/20 S	11/16 S	13/18 SW	15/21 W	16/23 SW	19/28 SW	24/37 SW
300	9/20 SW	8/17 S	6/15 S	4/11 S	6/13 SW	10/19 W	10/20 SW	10/23 SW	16/33 SW
Valley	8/20 S	7/19 S	7/14 SE	4/10 SE	6/13 SW	9/17 W	8/17 SW	8/21 SW	15/31 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-2	3/-2	4/0	5/2	5/1	4/-1	4/-1	6/1
300	5/2	4/1	4/2	5/3	7/5	7/4	6/3	6/3	8/4
Valley	6/3	6/3	6/4	6/5	8/6	8/6	7/5	7/5	9/6
Freezing Level*	1100m	1300m	1900m	2000m	1700m	1500m	1600m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive hill fog with severe chill effect across highest peaks early and late in the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 15 Feb 2023	0.2mm	1.4mm	1.4mm

Forecast for Friday 17 Feb 2023

Weather: Gale to severe gales at first across the peaks. Overcast through the morning with occasional light to moderate outbreaks of rain. Chance of drier, brighter conditions feeding erratically from the north from mid-day.

Maximum wind: West to southwest mean 40 mph with gusts reaching 50-60 mph across most exposed ridges and summits, gradually easing from late morning.

Chance of cloud-free hill tops above 600m: 10% or less becoming 40% later in day

Low Cloud and visibility: Moderate or poor in rain, very poor within cloud with bases extensive down to 500m at first with patches below, erratically lifting and breaking from the north from mid-day.

Temperature: **Valleys:** Plus 3 Celsius lifting 11 Celsius during the afternoon
At 600m: Plus 7 Celsius lowering plus 3 Celsius for evening
Freezing level: Above summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.